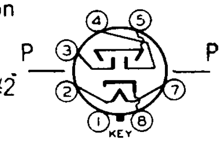
# 6AD6-G

## ELECTRON-RAY TUBE

TWIN INDICATOR TYPE

| | | |
|---|---|---|
| Heater■ | Coated Unipotential Cathode | |
| Voltage | 6.3 | a-c or d-c volts |
| Current | 0.15 | amp. |
| Maximum Overall Length | | 2-7/8" |
| Maximum Seated Height | | 2-5/16" |
| Maximum Diameter | | 1-5/16" |
| Bulb | | T-9 |
| Base | | Intermediate Shell Octal 7-Pin |

Pin 1 - No Connection
Pin 2 - Heater
Pin 3 - Ray-Control Electrode, Unit #2
Pin 4 - Ray-Control Electrode, Unit #1
Pin 5 - Target
Pin 7 - Heater
Pin 8 - Cathode



BOTTOM VIEW (G-7AG)

Mounting Position: Any◊

### INDICATOR SERVICE

| | | | |
|---|---|---|---|
| Target Voltage | | 150 max. | volts |
| *Typical Operation:* | | | |
| Target Voltage | 100 | 150 | volts |
| Target Current*† | 1.5 | 3 | ma. |
| Target Current**† | 1.0 | 2 | ma. |
| Target Current***† | 0.8 | 1.2 | ma. |
| Ray-Control Electrode Voltage* | 45 | 75 | approx. volts |
| Ray-Control Electrode Voltage** | 0 | 8 | approx. volts |
| Ray-Control Electrode Voltage*** | -23 | -50 | approx. volts |

■ In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.
* For shadow angle of 0° produced by either ray-control electrode.
** For shadow angle of 90° produced by either ray-control electrode.
*** For shadow angle of 135° produced by either ray-control electrode.
† Subject to wide variation.
◊ The plane of the ray-control electrodes passes through the line PP' on the socket connection diagram.

*The circuit under Type 6AF6-G also applies to the 6AD6-G.*



RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.